



Express Mail Label No. EV 292460045 US
Attorney Docket No.: A0312.70393 US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Geoffrey T. Haigh and Baoxing Chen
Serial No: 09/838,520
Confirmation No.: 9453
Filed: April 19, 2001
For: NON-OPTICAL SIGNAL ISOLATOR

Examiner: R. DeBernadinis
Art Unit: 2836

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

Because it was cited and applied by the EPO, Applicants comment on the Weber patent. Weber shows an on-chip transformer. However, and importantly, it does not show an isolator. Moreover, the coils of Weber's transformer are referenced to the same, not different grounds. This is part and parcel of the disclosed structure. Accordingly, Weber's transformer is unsuitable for use in an isolator, a point not understood by the EPO Examiner when he cited the reference.

Applicant also provides herewith a copy of application no. 10/214,883.

PART V: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.


By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

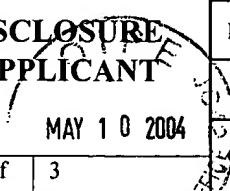
Respectfully submitted,

By: 
Steven J. Henry, Reg. No. 27,900
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2211
(617) 720-3500

Docket No. A0312.70393 US00

Date: May 10, 2004

XX

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/838,520	ATTY. DOCKET NO.: A0312.70393 US00
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		FILING DATE: April 19, 2001	CONFIRMATION NO.: 9453
		APPLICANT: Geoffrey T. Haigh et al	
Sheet	1	of	3
		GROUP ART UNIT: 2836	EXAMINER: R. DeBernadinis

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		6,054,780		Haigh et al	04-25-2000
		4,748,419		Somerville	05-31-1988
		5,831,426		Black, Jr. et al	11-03-1998
		6,291,907		Haigh et al	09-18-2001
		4,818,855		Mongeon et al	04-04-1989
		5,701,037		Weber et al	12-23-1997
		5,969,590		Gutierrez	10-19-1999

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		JP	58215833A		Yamatake Honeywell KK	03-28-1984	
		EP	0586062A		International Business Machines, Inc.	09-03-1994	
		WO	95/20768		Fraunhofer Ges Forschung et al.	03-08-1995	
		WO	98/37672		Analog Devices, Inc.	08-27-1998	
		WO	99/21332		Analog Devices, Inc.	04-29-1999	
		WO	2002/086969		Analog Devices, Inc.	10-31-2002	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		International Search Report, A0312/7343WO, mailed April 1, 1999	
		International Search Report, A00312/70393WO, mailed August 28, 2003	
		BURR-BROWN, "Dual, Isolated, Bi-Directional Digital Coupler", 1993, ISO150	

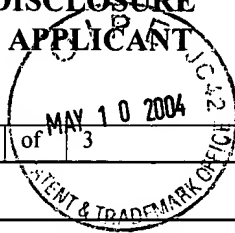
EXAMINER	DATE CONSIDERED
----------	-----------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/838,520	ATTY. DOCKET NO.: A0312.70393 US00
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: April 19, 2001	CONFIRMATION NO.: 9453
		APPLICANT: Geoffrey T. Haigh et al	
Sheet 2	of 3	GROUP ART UNIT: 2836	EXAMINER: R. DeBernadinis



U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		3,714,540		Galloway	01-30-1973
		4,118,603		Kumhyr	10-03-1978
		4,835,486		Somerville	05-30-1989
		5,142,432		Schneider	08-25-1992
		5,204,551		Bjornholt	04-20-1993
		5,396,394		Gee	03-07-1995
		5,533,054		DeAndrea et al	07-02-1996
		5,588,021		Hunt et al	12/24/1996
		5,596,466		Ochi	01-21-1997
		4,027,152		Brown et al	05-31-1977
		4,885,582		LaBarge et al	12-05-1989
		5,384,808		Van Brunt et al	01-24-1995
		5,952,849		Haigh	09-14-1999

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		DE	25 29 296		Ferranti Ltd.	01-20-1977	
		FR	2 679 670		Serbanescu	07-23-1991	
		EP	0 282 102		The Boeing Company	09-14-1988	
		W0	01/61951		Analog Devices, Inc.	08-23-2001	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

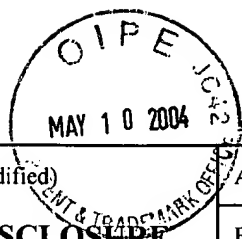
Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		International Search Report, 029.55.251, mailed May 22, 1998	
		International Search Report, 02955.753, mailed June 5, 2001	

EXAMINER	DATE CONSIDERED
----------	-----------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]



FORM PTO-1449/A and B (Modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICATION NO.: 09/838,520

ATTY. DOCKET NO.: A0312.70393 US00

FILING DATE: April 19, 2001

CONFIRMATION NO.: 9453

APPLICANT: Geoffrey T. Haigh et al

GROUP ART UNIT: 2836

EXAMINER: R. DeBernadinis

Sheet 3 of 3

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		4,859,877		Cooperman et al	08-22-1989
		4,227,045		Chelcun et al	10-07-80
		4,945,264		Lee et al	07-31-1990
		4,825,450		Herzog	04-25-1989
		6,525,566		Haigh	02-25-2003
		3,798,608		Huebner	03- -1974
		6,124,756		Yaklin et al	09- -2000
		4,302,807		Mentler	11- -1981
		3,537,022		Regan	10-27-1970
		5,041,780		Rippel	08-20-1991
		5,270,882		Jove et al	12-14-1993
		5,539,598		Denison et al	07-23-1996
		6,262,600		Haigh et al	07-17-2001
		5,786,979		Douglass	07-28-1998

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	

EXAMINER

DATE CONSIDERED

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]